

Nov. Gr 2 Unit 4: Subtract two digit numbers

Content Area: **Math**
Course(s):
Time Period: **November**
Length: **4-5 Weeks**
Status: **Published**

Unit Overview

The subtraction process involves repeated calculation. Student learn to use the same algorithm repeatedly with any subtraction problem they encounter.

Enduring Understandings

In subtraction, the algorithm consists of subtracting each place value, starting with the ones place, and regrouping when needed.

Essential Questions

How do we solve multi digit subtraction problems?

Instructional Strategies & Learning Activities

Lesson	Objective	Material & Manipulatives	Vocabulary	Standard
Lesson 1 <i>pp.</i> 223-228 Two-Digit Fact Families	Use related facts to make two-digit number families.	<ul style="list-style-type: none">base-ten blocksred and yellow connecting cubes		2.OA.1 2.NBT.5 Major Cluster MP 1, 3, 4, 5, 6, 7, 8
Lesson 2 <i>pp.</i> 229-234 Take Apart Tens to Subtract	Take apart numbers to make a ten to subtract.	<ul style="list-style-type: none">base-ten blocksWork Mat 6		2.OA.1 Major Cluster
Lesson 3 <i>pp.</i> 235-240 Regroup a Ten as Ones	Use models to regroup and find differences.	<ul style="list-style-type: none">base-ten blocks		MP 1, 4, 6, 8 2.OA.1 2.NBT.5

Lesson 9 pp. 273-278
Two-Step Word Problems

Read and solve two-step word problems.

**1, 2, 3, 4,
6**

2.OA.1

**Major
Cluster**

MP

**1, 3, 5, 6,
7**

**Fluency Practice
My Review and Reflect**

Integration of Career Readiness, Life Literacies and Key Skills

	Critical thinkers must first identify a problem then develop a plan to address it to effectively solve the problem.
TECH.9.4.2.CI.1	Demonstrate openness to new ideas and perspectives (e.g., 1.1.2.CR1a, 2.1.2.EH.1, 6.1.2.CivicsCM.2). Brainstorming can create new, innovative ideas.
TECH.9.4.2.CT.2	Identify possible approaches and resources to execute a plan (e.g., 1.2.2.CR1b, 8.2.2.ED.3).
TECH.9.4.2.CI.2	Demonstrate originality and inventiveness in work (e.g., 1.3A.2CR1a).
WRK.9.2.2.CAP.1	Make a list of different types of jobs and describe the skills associated with each job.
TECH.9.4.2.CT.3	Use a variety of types of thinking to solve problems (e.g., inductive, deductive). Different types of jobs require different knowledge and skills.

Technology Integration

Students will interact with the SmartBoard, Ipads, chromebooks and document camera.

TECH.8.1.2	Educational Technology: All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaborate and to create and communicate knowledge.
TECH.8.1.2.A	Technology Operations and Concepts: Students demonstrate a sound understanding of technology concepts, systems and operations

Interdisciplinary Connections

LA.RI.2.4	Determine the meaning of words and phrases in a text relevant to a grade 2 topic or subject area.
LA.RI.2.5	Know and use various text features (e.g., captions, bold print, subheadings, glossaries, indexes, electronic menus, icons) to locate key facts or information in a text efficiently.
LA.RF.2.3	Know and apply grade-level phonics and word analysis skills in decoding words.

Differentiation

Each My Math unit throughout the series offers "approaching level", "on level" and "Beyond level" differentiated instructional hands-on choices, as well as ELL differentiated support. Please refer to the teacher edition for the activities.

Modifications & Accommodations

IEP and 504 accommodations will be followed.

Benchmark Assessments

AIMSweb

Formative Assessments

Teacher observation

Student conferences

Discussion

Activities

games

homework

whiteboard

Summative Assessments

My Math chapter assessments

Instructional Materials

See materials listed in above lesson plans.

Standards

MA.2.OA.A.1	Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.
MA.2.NBT.B.5	Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.
MA.2.NBT.B.9	Explain why addition and subtraction strategies work, using place value and the properties of operations.